operation and care of

BROWNING B-SS SIDE BY SIDE SHOTGUN

VERY IMPORTANT—Save This Booklet. These instructions should be carefully noted.

New Gun Owner's Record

(Keep this record for future reference)

Browning Model

Serial Number

Gauge

Purchase Price

Purchased From

Date of Purchase

Please fill out and mail the Market Survey Card at the back of the booklet.

We are proud that you have chosen a Browning. In its manufacture, we have endeavored to incorporate the very finest in materials and craftsmanship, and with just reason able care, this gun should provide you with many years of pleasure and dependable service. If, by chance you have any observations to make regarding its performance or appearance, we hope you will write us immediately.

We would also like to know more about you as a Browning owner and would be grateful if you could take but a moment to complete and return the market survey card found on the inside back cover

Thank you.

BROWNING

Route #1, Morgan, Utah 84050
Distributed in Canada by Browning Canada Sports Ltd/Ltee.
5350 Ferrier Street Montreal Que. H4P 1L9

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YOU ARE RESPONSIBLE FOR FIREARMS SAFEIY

Please let us remind you that, as a gun owner, you accept a set of responsibilities of the most demanding nature. How seriously you carry out these responsibilities can be the difference between life and death. Mistakes made with guns are final and cannot be paid for with money or regret. PLEASE READ AND UNDERSTAND THE PROPER HANDLING AND INSTRUCTION PROCEDURES OUTLINED IN THIS BOOKLET BEFORE USING YOUR NEW FIREARM.

There is no excuse for careless or abusive handling of any firearm. At all times handle this shotgun with intense respect for its force and power.

Please read and practice the following cautions:

CAUTION

ALWAYS KEEP THE MUZZLE OF YOUR SHOTGUN POINTED IN A SAFE DIRECTION even though you are certain the shotgun is unloaded. Never point your shotgun at anything you do not intend to shoot. Be extremely alert and aware of all persons and property within the range of your ammunition.

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2. NEVER TRUST YOUR SHOTGUN'S MECHANICAL "SAFETY" DEVICE. The word, "safety," describes a gun's trigger block mechanism, sear block mechanism, hammer block mechanism or firing pin block mechanism. These are mechanical devices that place your gun in a SAFER status. No guarantee can be made that the gun will not fire even if the "safety" is in the "on safe" position.

Like any mechanical device a safety can sometimes fail; it can be jarred or inadvertently manipulated into an unsafe condition. Mechanical "safeties" merely aid safe gun handling and are no excuse for pointing your shotgun's muzzle in an unsafe direction.

While it is a good idea to "test" your shotgun's mechanical "safety" periodically for proper function, NEVER test it while your shotgun is loaded or pointed in an unsafe direction.

Safe gun handling does not stop with your **gun's mechanical "safety" device. It** starts there. Always treat this shotgun with the re**spect due a loaded, ready-to-fire firearm.**

3. ALWAYS VISUALLY CHECK YOUR SHOTGUN to be certain that it does not inadvertently contain any ammunition. Keep the safety in the "on safe" position.

4. GLANCE THROUGH EACH BARREL EVERY TIME YOU LOAD for the safety of both your gun and yourself. Mud, snow, and an infinite variety of other objects may inadvertently lodge in a barrel bore. It takes only one small obstruction to ruin (swell or rupture) the finest of shotgun barrels.

5. ALWAYS UNLOAD YOUR SHOTGUN WHEN NOT IN USE. As a safety precaution it is preferable to disassemble your gun for storage. Store your gun and ammunition separately-beyond the reach of children.

6. DO NOT PUT A 20 GAUGE SHELL IN A 12 GAUGE GUN. We strongly recommend that all shells of different gauges be stored in completely separate and well-marked containers. NEVER store shells of mixed gauges in a common container or in your pockets. EXAMINE EVERY SHELL YOU PUT IN YOUR GUN! The most certain way to bulge or rupture a barrel is to drop a 20 gauge shell

into a 12 gauge chamber. The 20 gauge shell, unfortunately, will not fall completely through the barrel; its rim is caught by the front of a 12 gauge chamber. Your gun will misfire, and under conditions of carelessness made lethal by haste, a 12 gauge shell can be loaded behind the 20. You could not deliberately have created a more serious hazard to your gun and yourself.

7. DO NOT SNAP THE HAMMER ON A EMPTY CHAMBER-THE CHAMBER MAY NOT BE EMPTY! Treat every gun with the respect due a loaded gun-even though you are certain the gun is unloaded.

8. KEEP YOUR FINGER AWAY FROM THE TRIGGER while unloading.

9. BE SURE OF YOUR BACKSTOP. Know the range of your shotshells and be certain there is no chance of damage or accident. Never shoot at water or hard objects. Handle your shotgun, at all times with deep respect and alert consideration to all within its range.

10. DO NOT CARRY YOUR SHOTGUN WITH A ROUND IN THE CHAMBER. We recommend you do not chamber a round until immediately before it is to be fired.

11. ALWAYS UNLOAD ANY GUN'S CHAMBER AND MAGAZINE BEFORE CROSSING A FENCE, CLIMBING A TREE, JUMPING A DITCH or negotiating other obstacles. Never lean a loaded gun against a fence, tree, car or other similar object.

12. BE SURE OF YOUR TARGET. Be sure no persons, livestock, buildings or other objects are behind or near your target. Be absolutely sure of your target particularly during low light periods.

13. FOR EYE AND EAR PROTECTION we recommend that you always wear shooting glasses and hearing protection when shooting.

14. BE DEFENSIVE. BE ON GUARD AGAINST UNSAFE GUN HANDLING around you and others. Don't be timid when it comes to gun safety. If you observe other shooters violating the above safety precautions, politely suggest safer handling practices.

15. EDUCATE AND SUPERVISE. Stress firearms safety to all members of your family, especially to children and non-shooters. Closely supervise newcomers to the shooting sports. Encourage enrollment in hunting-shooting safety courses.

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BROWNING SIDE-BY-SIDE NOMENCLATURE

In conventional gun terminology the position and movement of shotgun parts are described as the occur with the shotgun horizontal and in normal firing position; i.e. the muzzle is forward or front the butt stock is rearward or rear; the trigger i downward or underneath; the sight is upward o on top.

AMMUNITION

The current production Side-by-Side 12 Gauge Model is chambered to accept all standard factory 12 gauge 2 3/4" 2 3/4" Magnum and 3" Magnum shotshells Current production 20 Gauge Models also accept 2 3/4" 2 3/4" Magnum and 3" Magnum shotshells.

GENERAL OPERATION

This shotgun is a two-barreled shotgun with the bar- aligned side by side. It is designed primarily as

a field gun with two separately choked barrels that allow a rapid second shot when needed. The trigger is a single mechanical trigger.

BARREL SELECTOR

All current BSS models offer you the advantage of barrel selection. The barrel selector button is located in the rear of the trigger guard, convenient and easy to manipulate even while wearing gloves. Both the left and right surfaces of the selector are checkered to assure positive shifting. To fire the more openly choked, right barrel first, shift the barrel selector to the right; to fire the tighter choked left barrel first, shift the selector to the left.

Highly skilled techniques of hand-fitting and polishing have been used to accomplish the hairline fitting of metal parts on this gun. These painstaking operations are necessary to prevent looseness, even after long use. You may consider your new gun to be slightly stiff. This close fitting, however, assures you of long lasting dependability.

AUTOMATIC SAFETY

The Browning Side-by-Side is equipped with an automatic safety. Whenever the breech is opened, to insert a shell or for any other reason, the safety

automatically moves to the “on safe” position. An “S” will appear above the sliding safety lever. Once the safety has been put off safe to fire a shell, it remains off safe until it is manually returned to the “on safe” position or until the breech is again opened. Despite this automatic safety precaution, always be certain that your gun is pointed in a safe direction, and check the safety manually or visually to avoid any chance of accidental discharge. ALWAYS KEEP YOUR SAFETY IN THE “ON SAFE” POSITION UNLESS YOU INTEND TO IMMEDIATELY FIRE THE SHOTGUN.

ASSEMBLY

A. BEFORE USING, clean anti-rust compound from all metal parts, paying close attention to the barrel interior and the breech area. The various exposed metal parts of your new Browning Side-By-Side gun are coated with a rust preventative compound for protection. Browning Gun Oil is especially suited to remove this compound and give your new gun its first lubrication; however, any quality gun oil may be used.

B. PRIOR TO ASSEMBLY, always make certain there is no shell in the chamber. After cleaning

exposed metal areas carefully, place one or two drops of gun oil at surfaces (A) hinge pin recess of forward barrel lug; (B-C) sides of both barrel lugs; three drops on forearm bracket (one each at D, E, F), (Figure 1).

C. To attach the barrels to the action, grasp the stock's pistol grip with your right hand and anchor the butt stock between your right forearm and right side. With the thumb of your right hand, move the top lever sideways to extreme right (Figure 2).

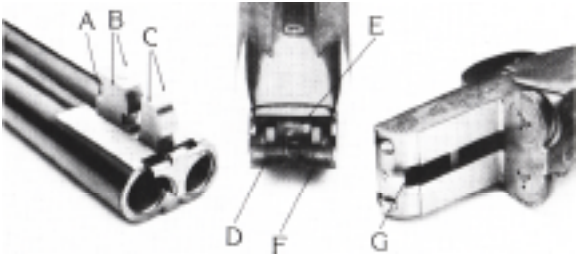


Fig. 1

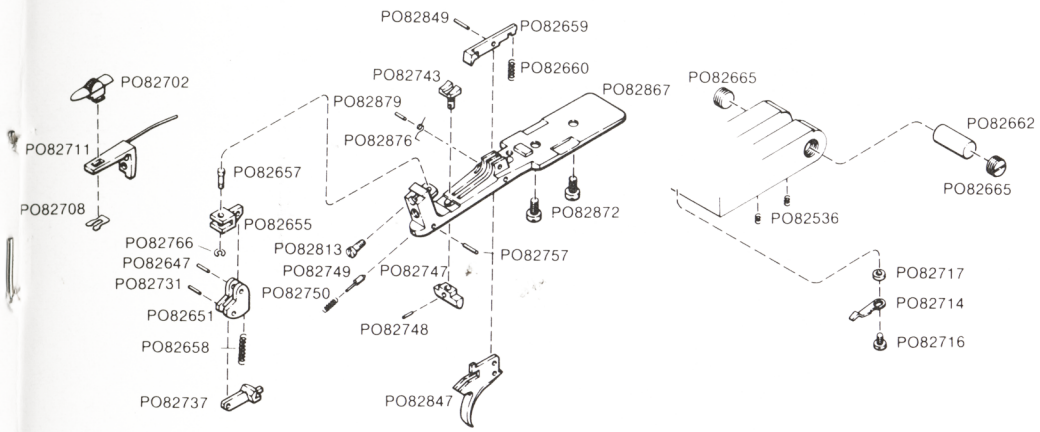
D. Grasping the barrels in the left hand, engage the barrel lug's circular hinge pin recess (A) with the action's hinge pin (G) (Figure 2). Keeping pressure on the barrel to keep the hinge pin aligned in the barrel lug's circular recess rotate the barrels upward,

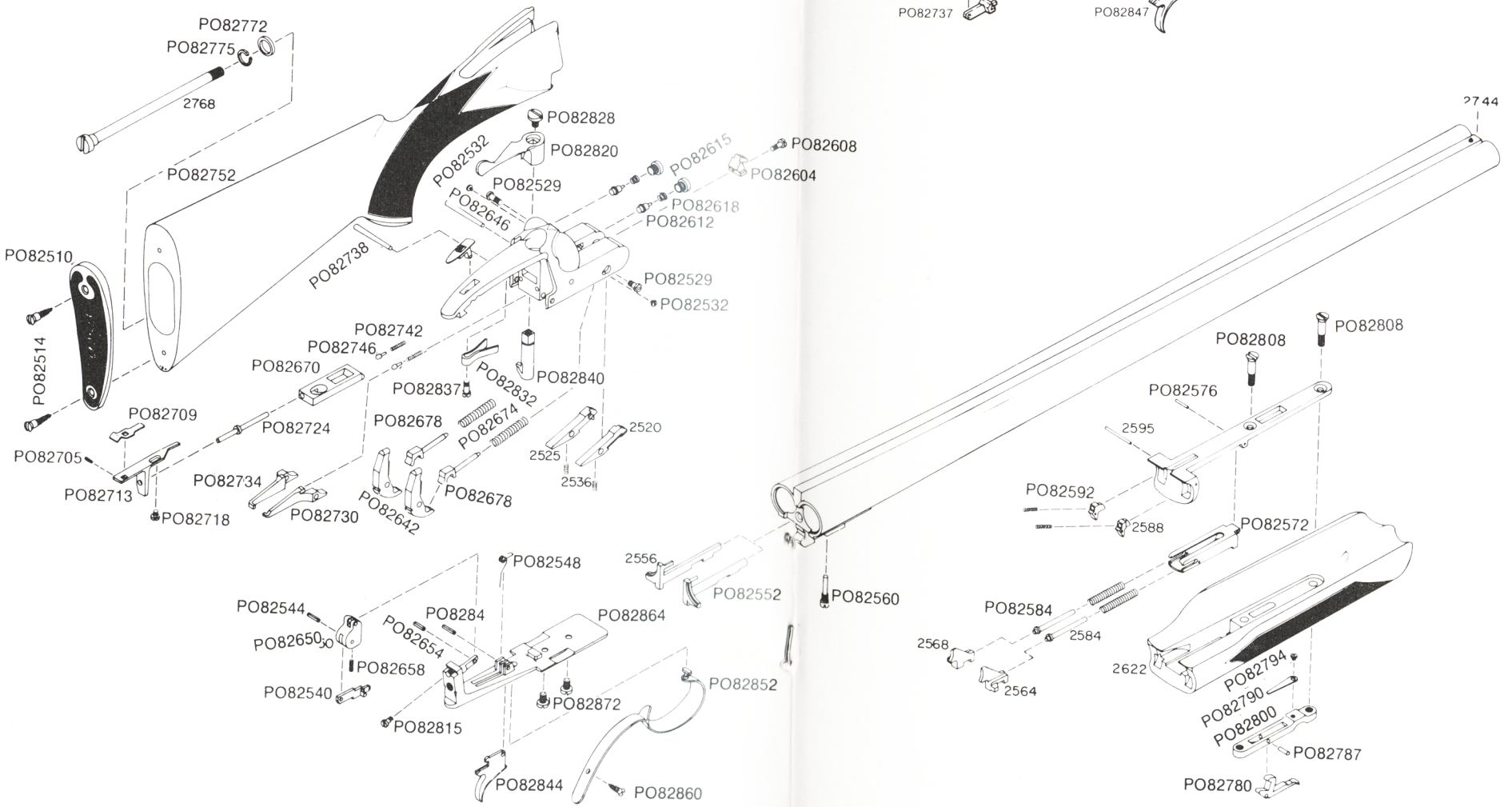
BROWNING
SIDE BY SIDE SHOTGUN

Note: This page contains the schematic for the 12 Gauge Side by Side. For corresponding 20 Gauge part numbers refer to the following page.

IMPORTANT: When ordering parts, list code number, part name, gauge, model and serial number.

PARTS FOR SELECTIVE TRIGGER MODELS ONLY





PARTS LIST
SIDE BY SIDE SHOTGUN

Part No. 12 Ga.	Part No. 20 Ga.	Description
PO82510	PO8251 2	Butt Plate
PO82514	PO82514	Butt Plate Screw
*PO82520	*PO82522	Cocking Lever (Right)
* PO8252 1		Cocking Lever (Right), Selective Trigger Only
* PO82525	* PO82527	Cocking Lever (Left)
* PO82526		Cocking Lever (Left), Selective Trigger Only
PO82529	PO82530	Cocking Lever Screw
* PO82528		Cocking Lever Screw, Selective Trigger Only
PO82532	PO82523	Cocking Lever Screw Lock Screw
* PO82531		Cocking Lever Screw Lock Screw, Selective Trigger Only
PO82536	PO82536	Cocking Lever Spring
* PO82540	* PO82542	Connector
PO82544	PO82544	Connector Pin
PO82548	PO82548	Connector Spring
* PO82552	* PO82554	Ejector (Right)
* PO82556	* PO82558	Ejector (Left)
PO82560	PO82562	Ejector Stop Screw
* PO82564	* PO82566	Ejector Hammer (Right)
* PO82568	* PO82570	Ejector Hammer (Left)
PO82572	PO82572	Ejector Hammer Housing
PO82576	PO82576	Ejector Hammer Housing Pin
PO82580	PO82580	Ejector Hammer Spring
PO82584	PO82584	Ejector Hammer Spring Guide
* PO82588	* PO82590	Ejector Hammer Sear (Right)
* PO82592	* PO82594	Ejector Hammer Sear (Left)
PO82595	PO82597	Ejector Hammer Sear pin
PO82599	PO82601	Ejector Hammer Sear Spring
* PO82604	* PO82605	Ejector Trip
PO82608	PO82608	Ejector Trip Screw
* PO826 12	* PO826 12	Firing Pin
PO8261 5	PO826 15	Firing Pin Bushing
PO826 18	PO8261 8	Firing Pin Spring
*PO82622	* PO82624	Forearm, Standard Models
PO82628	PO82626	Forearm Sporter
* PO82634	* PO82636	Forearm Bracket
* PO82642	* PO82644	Hammer
PO82646	PO82648	Hammer Pin
* PO82650	* PO82652	Inertia Block
PO8265 1	PO82653	Inertia Block, Selective Trigger Only
PO82647	PO82649	Inertia Block Pin, Selective Trigger Only
PO82655	PO82655	Inertia Block Pivot Selective Trigger Only
PO82656	PO82656	Inertia Block Pivot Retainer, Selective Trigger Only
PO82657	PO82657	Inertia Block Pivot Holder Pin, Selective Trigger Only
PO82658	PO82658	Inertia Block Spring
PO82659	PO82659	Inertia Block Stop, Selective Trigger Only
PO82660	PO82660	Inertia Block Stop Spring, Selective Trigger Only
PO82662	PO82663	Joint Pin
PO82665	PO82667	Joint Pin Retaining Screw
* PO82670	* PO82672	Locking Bolt
PO82674	PO82674	Mainspring
PO02678	PO02680	Mainspring Guide
* PO8270 1	* PO8270 1	Safety

PO82702	PO82702	Safety Selective Trigger Only
PO82705	PO82705	Safety Pin
PO82708	PO82708	Safety Spring, Selective Trigger Only
PO82709	PO82709	Safety Spring
PO82711	PO82712	Safety Lever, Selective Trigger Only
PO82714	PO82714	Safety Lever Spring, Selective Trigger Only
PO82713	PO82715	Safety Lever
PO82716	PO82716	Safety Lever Spring Screw, Selective Trigger Only
PO82717	PO82717	Safety Lever Spring Washer
PO82718	PO82719	Safety Lever Screw
PO82726	PO82726	Safety Push Rod
PO82727	PO82733	Sear Right, Selective Trigger Only
*PO82730	* PO82732	Sear Right
PO82729	PO82735	Sear Left, Selective Trigger Only
* PO82734	* PO82736	sear Left
PO82738	PO82739	Sear Pin
PO82737	PO82740	Sear Lever, Selective Trigger Only
PO82731	PO82741	Sear Lever Pin, Selective Trigger Only
PO82742	PO82742	Sear Spring
PO82743	PO82743	Selector, Selective Trigger Only
PO82744	PO82745	Sight Bead Front
PO82746	PO82746	Sear Spring Plunger
PO82747	PO82747	Selector Button. Selective Trigger Only
PO82748	PO82748	Selector Button Pin, Selective Trigger Only
PO82749	PO82749	Selector Plunger, Selective Trigger Only
PO82750	PO82750	Selector Plunger Spring, Selective Trigger Only
PO82751	PO8275 1	Selector Plunger Spring Stop Pin. Selective Trigger Only
* PO82752	* PO82754	Stock
PO82758	PO82756	Stock Sporter
PO82766	PO82766	Snap Link Selective Trigger Only
PO82768	PO82768	Stock Bolt
PO82772	PO82772	Stock Bolt Washer
PO82775	PO82775	Stock Bolt Lock Washer
* PO82780	* PO82780	Take Down Lever
PO82787	PO82787	Take Down Lever Pin
PO82790	PO82790	Take Down Lever Spring
PO82794	PO82794	Take Down Lever Spring Screw
* PO82800	* PO82800	Take Down Lever Bracket
PO82806	PO82810	Take Down Lever Bracket Screw (Rear)
PO82808	PO82812	Take Down Lever Bracket Screw (Front)
PO82813	PO82814	Tang Screw. Selective Trigger Only
PO82815	PO82815	Tang Screw
PO82817		Tang Screw Lock Pin, Selective Trigger Only
* PO82820	* PO82822	Top Lever
PO82828	PO82828	Top Lever Screw
PO82832	PO82832	Top Lever Spring
PO82837	PO82837	Top Lever Spring Screw
* PO82840	* PO82842	Top Lever Dog Shaft
* PO82844	* PO82844	Trigger
* PO82847	* PO82847	Trigger Gold Plated, Selective Trigger Only
PO82849	PO82849	Trigger Pin
PO8285 1	PO8285 1	Trigger Guard, Selective Trigger Only
PO82852	PO82852	Trigger Guard
PO82854	PO82854	Trigger Guard Sporter
* PO82860	* PO82860	Trigger Guard Screw
* PO82864	* PO82866	Trigger Plate
PO82867	PO82868	Trigger Plate Selective Trigger Only
PO82872	PO82874	Trigger Plate Screw
PO82876	PO82876	Trigger Spring, Selective Trigger Only
PO82879	PO82879	Trigger Spring Pin, Selective Trigger Only

*Indicates **part should be fitted by our shop or a qualified**

fully closing the action. Release the top lever should snap back to its central position.

Fig. 2

E. Now place the butt of the gun's stock against the upper leg and engage the rear portion of the forearm with the action as in (Figure 3). Pivot the forearm up

Fig. 3

to the barrel tightly. This will cause the takedown lever latch to engage onto the barrel. It may be

necessary to depress the takedown lever latch. It should be flush with the wood on the underside of the forearm. If the takedown lever latch offers resistance, tap the forearm's widest part sharply toward the barrel with the heel of your hand. The takedown lever latch should then lock into position.

CAUTION-In assembling your Side-By-Side, do not use undue force in closing the action. If the action and barrels are not properly aligned, undue force will only cause them to grind together and score or mar the finely fitted surfaces. If there appears to be interference, start over at Step C, being careful to mate and align the barrel lug's hinge pin recess and the receiver hinge pin properly.

LOADING AND FIRING

To load your Side-By-Side, move the top lever to the right and break open the shotgun. Insert a shell in each chamber and close the action. Visually check your safety to be certain it is in the "on safe" position. To fire the shotgun, push the safety forward with your thumb to the off safe position; the gun is now ready to fire on the pull of the trigger.

TOP LEVER. The top lever operates the locking bolt, which is very closely hand-fitted to the barrel

lugs. Provision is made for the gradual wear of lock ing surfaces by allowing a slight excess of metal This exacting metal allowance keeps the breech o the gun tight for many years.

Upon closing your gun, let the top lever snap into position-do not retard its action with your thumb If closed in this manner, the top lever spring will return the top lever mechanism to locked position It is not necessary that the top lever return to a corn pletely central position; in fact, it usually will not dc so in a new gun.

Many experienced shooters cultivate the habit o! lightly pushing the top lever to the left after the gur is closed. This habit is no trouble; it becomes auto matic and is a quick method of assuring yourself that foreign matter has not interfered with the corn plete closure of the breech. The breech is so tightly hand-fitted that accumulated debris, sand, etc. mav prohibit complete closing. If this should occur, the action will not close and the safety will be locked in the "on safe" position making it impossible t fire the gun. Open the gun and unload it. Carefully examine the action surfaces and remove the foreign matter.

AUTOMATIC EJECTORS. The ejectors of your Side-By-Side gun are fully automatic That is, fired shells will be thrown completely out of the gun upon opening the action; unfired shells will be conveniently elevated above chamber level so they can be easily lifted out by hand for unloading.

DISASSEMBLY

A. After having made certain there is no shell in either chamber and with the action closed, anchor the gun's butt stock against the upper leg and pull the takedown lever latch outward. At the same time, grasp the forearm and with the help of the left hand pivot the forearm away from the barrels, (Figure 4).

B. Break the gun in the usual manner. Carefully disengage the barrel lug from the hinge pin and lift the barrel upward out of the action. The forearm can now be reattached to the barrels for storage.

Fig. 4

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DO NOT TAKE YOUR GUN APART beyond dismounting the barrels and forearm from the action This is a specialized, finely fitted mechanism. You may hopelessly mar it, and more complete disassembly of the gun is not required for normal maintenance.

CLEANING AND OILING

The broad, polished, finely-fitted surfaces at the breech must always have a film of oil. Put one drop on the ejector slides. Put another drop on each side of the barrel receiver walls. We strongly recommend a high quality oil, not pure silicone or lanolin.

After use, run a lightly-oiled cloth over all exposed metal surfaces. Do not squirt large quantities of oil inside the action. Oil will only run down into the wood which becomes soft when soaked with oil Although modern powders are noncorrosive, it is wise to occasionally run an oil patch through the barrel bore, starting the cleaning rod from the breech end. If leading develops, use a cleaning solvent and a brass brush in the barrel bore from time to time followed by one or two oil patches. Any good furniture polish or wax gives suitable protection to the stock and forearm.

It is VERY IMPORTANT that the chambers of your shotgun be cleaned thoroughly and promptly after shooting plastic shotshells. Cleaning with a good powder solvent, followed by an oiled patch is recommended.

CHOKE MARKINGS

A neat, clearly-defined mark indicates the choke of your gun The coding is as follows:

*Full Choke
*-Improved Modified
**Modified
**-Improved Cylinder
***Cylinder

SPECIFICATIONS

Gauge	**12 Gauge or 20 Gauge Models**
Barrel Lengths	**26", 28" or 30"**
Overall Length	**43" to 47" (depending on barrel length)**
Weight	**6 lbs. 12 ozs. to 7 lbs. 7 ozs.**
Choke Combinations	**Full/Full, Modified/Full or Imp. Cyl. /Modified**
Stock Options	**Standard Style (pistol grip) or Sporter (Straight grip)**
Length of Pull	**14 1/4" (12 gauge), 14 1/4" (20 gauge)**
Drop at Comb	**1 5/8" (1 2 gauge), 1 1/2"** (20 gauge)
Drop at Heel	**2 1/2" (12 gauge), 2 3/8" gauge)**

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SERVICE OR REPAIR

If your B-SS should require service or repairs we suggest you first. contact a local authorized Browning Firearms Service Center. Your Browning Sporting Goods dealer can tell you the address of the Service Center nearest you or you may call or write our Consumer Information Dept. in Morgan, Utah-(801) 876-27 11.

Otherwise you may return your B-SS to our own repair facility for servicing. The address is:

Browning Service Department
Route 4, Box 624-B Tenbrook Road
Arnold, Missouri 63010 (314) 287-6800

Canadian Customers-Please call or write:
Browning Canada Sports Ltd/ Ltee
5350 Ferrier Street
Montreal, Quebec H4P 1L9
Phone: (518) 298-8130

When returning your B-SS for servicing, please be sure it is unloaded, package securely in a strong cardboard container, and insure the shipment. Under no circumstances should ammunition be returned as it is against postal and commerce regulations. Send a letter to our service department clearly describing the trouble experienced and the repairs or alterations desired. If convenient, also enclose a copy of your letter with the gun.

OTHER BROWNING PRODUCTS

BROWNING ARCHERY EQUIPMENT- Browning compound bows give you select hardwood handle risers limbs of hard rock maple and fiberglass laminations and ec centric cams mounted in limb notches rather than on bulky metal hangers for a faster harder hitting arrow In addition to high performance hunting models there are special light draw weight models for junior and lady archers.

BROWNING FISHING TACKLE — You'll catch more fish whether you choose Browning Boron. Hi-Density Graphite, or Silaflex II Fiberglass. There's a rod to handle everything from ultralight fresh-water to deep sea action. Browning is also the sole U.S. distributor of the famous line of Mitchell fishing reels.

BROWNING BOOTS-Browning Boots are known for their comfort and long wear They're built from the finest leathers, with features like Vibram soles Goodyear storm welts Norwegian reverse welts full glove leather linings and soft cushion insoles.

GUN CARE PRODUCTS-Gun oil cleans, lubricates, and protects metal and bluing. It's designed to function in extreme temperatures. Available in pouring spout or aerosol can, Liquid Gunsmith is a swift penetrating, hard scrubbing bore and metal cleaner that lubricates as it cleans. Comes in aerosol cans.

SPORTSMAN'S KNIVES-Knives to dress big game, clean fish, and handle any camp chore. Fixed blade, folding hunters, pocket knives and a fillet knife with a fine cork handle to keep it afloat. All Browning knives are crafted from specially heat treated, high-carbon, stainless steel

GUN CASES-Protect your new Browning in a choice of 3 flexible cases. They come with vinyl or canvas exteriors, soft interiors that won't scratch, and full length zippers for easy uncasing. Fitted luggage cases are available for all Browning shotguns and rifles. They're a must if your guns are subjected to a lot of abuse. They have a solid plywood frame with a Naugahyde® exterior and a nylon fleece interior.

PRINTED IN U.S.A. **PP800635**